015-19-000009

BRUHAT BANGALORE MAHANAGARA PALIKE, BANGALORE

Name of Work: "Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15"

Final Bill

1st and ~~Final~~ bill

Measurement sheets

Assistant Executive Engineer
T Dasarahalli Sub-Division
BBMP, Bangalore

Executive Engineer
Dasarahalli Division
BBBMP, Bangalore

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Detailed Measurements

Premeasurement Recorded On:

Item No	Discription of Item	Side	No	Length	A Breadth	A Depth	Qty	Unit
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.							
	Krishnegowda Nagara							
	CC Drain							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road	LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	28.00	1.10	0.90	27.72	
		LHS	1	30.00	1.10	0.90	29.70	
	Culvert	LHS	1	6.20	1.50	0.90	8.37	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road	RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	19.80	1.10	0.90	19.60	
	Culvert	RHS	1	6.00	1.50	1.20	10.80	
	Culvert	RHS	1	6.00	1.50	1.20	10.80	
	Krishnegowda Nagara First Cross R/S	LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	3.00	1.10	0.90	2.97	
	Culvert	LHS	1	6.30	1.50	1.20	11.34	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	10.90	1.10	0.90	10.79	
	Cross Road-1	LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	1.00	1.10	0.90	0.99	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	1.00	1.10	0.90	0.99	
	Krishnegowda Nagara First Cross L/S	LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	20.20	1.10	0.90	20.00	
		RHS	1	25.00	1.10	0.90	24.75	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	15.00	1.10	0.90	14.85	

Item No	Discription of Item	Side	No	Length	A.Breadth	A.Depth	Qty	Unit
	Culvert	LHS	1	5.40	1.50	1.20	9.72	
	2nd Main frm Krishnegowda Nagara Main Road	LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	30.00	1.10	0.90	29.70	
		LHS	1	2.00	1.10	0.90	1.98	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	30.00	1.10	0.90	29.70	
		RHS	1	2.00	1.10	0.90	1.98	
						Present Qty	**979.55**	**Cum**

As per TVC report deduction (-) 228.02

payable only Rs - 751.53 Cmt

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub-Division
BENGALURU-560 056

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Detailed Measurements

Sl No	Discription of Item	Side	No	Length	B1	B2	A. Breadth	A Depth	Qty	Unit
2	Providing and Laying **Plain cement concrete M10** with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications									
	Krishnegowda Nagara									
	CC Drain									
	Krishnegowda Nagara Main Road L/S frm Ramesh Road	LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	28.00			0.90	0.15	3.78	
		LHS	1	30.00			0.90	0.15	4.05	
	Culvert	LHS	1	6.20			1.50	0.15	1.40	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road	RHS	1	30.00			0.90	0.15	4.05	
		RHS	1	30.00			0.90	0.15	4.05	
		RHS	1	30.00			0.90	0.15	4.05	
		RHS	1	19.80			0.90	0.15	2.67	
	Culvert	RHS	1	6.00			1.50	0.15	1.35	
	Culvert	RHS	1	6.00			1.50	0.15	1.35	
	Krishnegowda Nagara First Cross R/S	LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	3.00			0.90	0.15	0.41	
	Culvert	LHS	1	6.30			1.50	0.15	1.42	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	10.90			0.90	0.15	1.47	
	Cross Road-1	LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	1.00			0.90	0.15	0.14	
		RHS	1	30.00			0.90	0.15	4.05	
		RHS	1	30.00			0.90	0.15	4.05	
		RHS	1	1.00			0.90	0.15	0.14	
	Krishnegowda Nagara First Cross L/S	LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	
		LHS	1	30.00			0.90	0.15	4.05	

Discription of Item	Side	No	Length	B1	B2	A. Breadth	A Depth	Qty	Unit
	LHS	1	20.20			0.90	0.15	2.73	
	RHS	1	25.00			0.90	0.15	3.38	
	RHS	1	30.00			0.90	0.15	4.05	
	RHS	1	30.00			0.90	0.15	4.05	
	RHS	1	15.00			0.90	0.15	2.03	
Culvert	LHS	1	5.40			1.50	0.15	1.22	
2nd Main frm Krishnegowda Nagara Main Road	LHS	1	30.00			0.90	0.15	4.05	
	LHS	1	30.00			0.90	0.15	4.05	
	LHS	1	30.00			0.90	0.15	4.05	
	LHS	1	2.00			0.90	0.15	0.27	
	RHS	1	30.00			0.90	0.15	4.05	
	RHS	1	30.00			0.90	0.15	4.05	
	RHS	1	30.00			0.90	0.15	4.05	
	RHS	1	2.00			0.90	0.15	0.27	
Krishnegowda Nagara Main Road L/S frm 1sst Cross to End		1	30.00	3.10	+ 3.10 / 2		0.15	13.95	
		1	30.00	3.10	3.10 / 2		0.15	13.95	
		1	28.00	3.10	+ 3.00 / 2		0.15	12.81	
Krishnegowda Nagara First Cross L/S		1	25.80	4.00	+ 3.90 / 2		0.15	15.29	
		1	30.00	4.20	4.00 / 2		0.125	15.38	
		1	30.00	4.00	+ 4.10 / 2		0.125	15.19	
		1	20.20	4.10	+ 4.00 / 2		0.125	10.23	
							Present Qty	**230.13**	**Cum**
							Limitted to	**229.62**	**Cum**

BBMP TVC report deduction (-) 29.71

payable Qty MB - 199.19Cum

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Detailed Measurements

Measurements recorded on:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
3	Proveding and Laying plain reinforced cement concrete for side drains using m20 nominul mix concrete with OPC cement 300kgs. With 20mm and down size ganite metal course aggregates @0.69cum and fine aggregates @0.43cum machine mixed,well compacted for walls and bottom including centring,shuttring,cost of materails, HOM of machinaries. Complete Excluding cost of steel asper MORTH Specification no1500,1700,2200. Wall And Bottom thickness 15cm							
	Krishnegowda Nagara							
	CC Drain Raft							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road	LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	28.00	0.90	0.15	3.78	
		LHS	1	30.00	0.90	0.15	4.05	
	Culvert	LHS	1	6.20	1.50	0.20	1.86	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road	RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	19.80	0.90	0.15	2.67	
	Culvert	RHS	1	6.00	1.50	0.20	1.80	
	Culvert	RHS	1	6.00	1.50	0.20	1.80	
	Krishnegowda Nagara First Cross R/S	LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	3.00	0.90	0.15	0.41	
	Culvert	LHS	1	6.30	1.50	0.20	1.89	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	10.90	0.90	0.15	1.47	
	Cross Road-1	LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	1.00	0.90	0.15	0.14	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	1.00	0.90	0.15	0.14	
	Krishnegowda Nagara First Cross L/S	LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	20.20	0.90	0.15	2.73	
		RHS	1	25.00	0.90	0.15	3.38	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	30.00	0.90	0.15	4.05	

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
		RHS	1	15.00	0.90	0.15	2.03	
		LHS	1	5.40	1.50	0.20	1.62	
	Culvert 2nd Main frm Krishnegowda Nagara Main Road	LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	30.00	0.90	0.15	4.05	
		LHS	1	2.00	0.90	0.15	0.27	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	30.00	0.90	0.15	4.05	
		RHS	1	2.00	0.90	0.15	0.27	
	CC Drain Wall							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road	LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	28.00	0.15	0.60	5.04	
		LHS	2	30.00	0.15	0.60	5.40	
	Culvert	LHS	2	6.20	0.20	1.20	2.98	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road	RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	19.80	0.15	0.60	3.56	
	Culvert	RHS	2	6.00	0.20	1.20	2.88	
	Culvert	RHS	2	6.00	0.20	1.20	2.88	
	Krishnegowda Nagara First Cross R/S	LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	3.00	0.15	0.60	0.54	
	Culvert	LHS	2	6.30	0.20	1.20	3.02	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	10.90	0.15	0.60	1.96	
	Cross Road-1	LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	1.00	0.15	0.60	0.18	
		RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	1.00	0.15	0.60	0.18	
	Krishnegowda Nagara First Cross L/S	LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	20.20	0.15	0.60	3.64	
		RHS	2	25.00	0.15	0.60	4.50	
		RHS	2	30.00	0.15	0.60	5.40	

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
		RHS	2	30.00	0.15	0.60	5.40	
	100	RHS	2	15.00	0.15	0.60	2.70	
	Culvert	LHS	2	5.40	0.20	1.20	2.59	
	2nd Main frm Krishnegowda Nagara Main Road	LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
	92	LHS	2	2.00	0.15	0.60	0.36	
		RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	30.00	0.15	0.60	5.40	
		RHS	2	30.00	0.15	0.60	5.40	
	92	RHS	2	2.00	0.15	0.60	0.36	
	Culvert Top Slab							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road							
	Culvert	LHS	1	6.20	1.50	0.20	1.86	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road							
	Culvert	RHS	1	6.00	1.50	0.20	1.80	
	Culvert	RHS	1	6.00	1.50	0.20	1.80	
	Krishnegowda Nagara First Cross R/S							
	Culvert	LHS	1	6.30	1.50	0.20	1.89	
	Krishnegowda Nagara First Cross L/S							
	Culvert	LHS	1	5.40	1.50	0.20	1.62	
						Present Qty	**327.73**	**Cum**
						Limitted to	**326.12**	**Cum**

Agst Tvcc report-Deduction (-) 87.53

payable qty Nil - 238.64cm

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub-DIVISION
BENGALURU-560 057

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Detailed Measurements

MeasurementsRecorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
4	Crushing of stone boulders of 150 mm size in an integrated stone crushing unit of 200 tonnes per hour capacity comprising of primary and secondary crushing units, belt conveyor and vibrating screens to obtain stone aggregates of 40mm nominal size complete.							
	Krishnegowda Nagara							
	CC Drain Raft							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road	LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	28.00	0.10	0.50	1.40	
		LHS	1	30.00	0.10	0.50	1.50	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road	RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	19.80	0.10	0.50	0.99	
	Krishnegowda Nagara First Cross R/S	LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	3.00	0.10	0.50	0.15	
	Culvert	LHS	1	6.30	0.10	0.50	0.32	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	10.90	0.10	0.50	0.55	
	Cross Road-1	LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	1.00	0.10	0.50	0.05	
		RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	1.00	0.10	0.50	0.05	
	Krishnegowda Nagara First Cross L/S	LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	30.00	0.10	0.50	1.50	
		LHS	1	20.20	0.10	0.50	1.01	
		RHS	1	25.00	0.10	0.50	1.25	
		RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	30.00	0.10	0.50	1.50	
		RHS	1	15.00	0.10	0.50	0.75	
	Culvert	LHS	1	5.40	0.10	0.50	0.27	
	2nd Main frm Krishnegowda Nagara Main Road	LHS	1	30.00	0.10	0.50	1.50	

Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	LHS	1	30.00	0.10	0.50	1.50	
	LHS	1	30.00	0.10	0.50	1.50	
	LHS	1	2.00	0.10	0.50	0.10	
	RHS	1	30.00	0.10	0.50	1.50	
	RHS	1	30.00	0.10	0.50	1.50	
	RHS	1	30.00	0.10	0.50	1.50	
	RHS	1	2.00	0.10	0.50	0.10	
					Present Qty	**47.48**	**Nos**

Total Excavated Quantity Restricted as per Audit

As per TVCC report Deduction (-) 11.28

payable Qty Nos 36.20 Cum

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore

ASSISTANT EXECUTIVE ENGINEER
Ward, BBMP Dasarahalli Sub Division
BENGALURU-560 057

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Detailed Measurements

Premeasurement Recorded On:

Item No	Discription of Item	Side	No	Length	A. Breadth	A Depth	Qty	Unit
5	Providing **T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications							
	CC Drain							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road	**LHS**						
	Total Drain length=148.10m							
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-986.00	1	986	2.10		0.61	1263.1	
	Distribution bar	1	13	148.00		0.61	1173.6	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road	**RHS**						
	Total Drain length=109.80m							
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-878	1	878	2.10		0.61	1124.7	
	Distribution bar	1	12	109.80		0.61	803.7	
	Krishnegowda Nagara First Cross R/S	LHS						
	Total Drain length=163.90m							
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-1311	1	1311	2.10		0.61	1679.4	
	Distribution bar	1	13	163.90		0.61	1299.7	
	Cross Road-1							
	Total Drain length=61.00m	**LHS& RHS**						
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-488.00	2	488	2.10		0.61	1250.26	
	Distribution bar	2	13	61.00		0.61	967.46	

Item No	Discription of Item	Side	No	Length	A. Breadth	A Depth	Qty	Unit
	Krishnegowda Nagara First Cross L/S	**LHS**						
	Total Drain length=110.20m							
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-881.00	1	881	2.10		0.61	1128.56	
	Distribution bar	1	14	110.20		0.61	941.11	
	Krishnegowda Nagara First Cross L/S	**RHS**						
	Total Drain length=100.00m							
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-800.00	1	800	2.10		0.61	1024.80	
	Distribution bar	1	14	100.00		0.61	854.00	
	2nd Main frm Krishnegowda Nagara Main Road	**LHS& RHS**						
	Total Drain length=92.00m							
	Main bar 10mm dia bar @ 125mm C/c							
	0.61kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61kg/mtr							
	No of U Bar-736	2	736	2.10		0.61	1885.63	
	Distribution bar	2	13	92.00		0.61	1459.12	
	Culvert Top Slab							
	Krishnegowda Nagara Main Road L/S frm Ramesh Road							
	Culvert	LHS	1	6.20				
	Main bar 12mm dia bar @ 125mm C/c							
	0.89kg/mtr							
	Distribution bar 10mm dia 150mm C/c							
	0.61Kg/Mtr							
		1.00	40	5.20		0.89	185.12	
		1.00	34	6.20		0.61	128.59	
	Krishnegowda Nagara Main Road R/S frm Ramesh Road							
	Culvert=6.00m	RHS						
		1.00	40	5.20		0.89	185.12	
		1.00	34	6.00		0.61	124.44	
	Culvert =6.00m	RHS						
		1.00	40	5.20		0.89	185.12	
		1.00	34	6.00		0.61	124.44	

Item No	Discription of Item	Side	No	Length	A. Breadth	A Depth	Qty	Unit
	Krishnegowda Nagara First Cross R/S							
	Culvert=6.30m	LHS	1					
		1.00	40	5.20		0.89	185.12	
		1.00	34	6.30		0.61	130.66	
	Krishnegowda Nagara First Cross L/S							
	Culvert=5.40m	LHS						
		1.00	36	5.20		0.89	166.61	
		1.00	34	5.40		0.61	112.00	
						Present Qty	**18382.43**	Tn
						Limitted to	**18.38**	Tn

As per Tvc report deduction (-) 6.15
payable qty Nil 12.23 on 2

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub-Division
BENGALURU-560 056

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Detailed Measurements

MeasurementsRecorded On:

Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
Providing and Fixing **pre cast covering Slab** made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.							
Krishnegowda Nagara							
CC Drain Raft							
Krishnegowda Nagara Main Road L/S frm Ramesh Road	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	28.00	0.90		25.20	
	LHS	1	30.00	0.90		27.00	
Culvert							
Krishnegowda Nagara Main Road R/S frm Ramesh Road	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	19.80	0.90		17.82	
	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	18.00	0.90		16.20	
Culvert							
Culvert						27.00	
Krishnegowda Nagara First Cross R/S	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		2.70	
	LHS	1	3.00	0.90		0.00	
Culvert						27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		9.81	
	LHS	1	10.90	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
Cross Road-1	LHS	1	30.00	0.90		0.90	
	LHS	1	1.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		0.90	
	RHS	1	1.00	0.90		27.00	
Krishnegowda Nagara First Cross L/S	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		18.18	
	LHS	1	20.20	0.90		22.50	
	RHS	1	25.00	0.90			

24/6/19
E.E. (D.D.)

Newzen Consultants Bangalore

Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	15.00	0.90		13.50	
						0.00	
Culvert 2nd Main frm Krishnegowda Nagara Main Road	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	30.00	0.90		27.00	
	LHS	1	2.00	0.90		1.80	
	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	30.00	0.90		27.00	
	RHS	1	2.00	0.90		1.80	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	25.00	0.90		22.50	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	10.00	0.90		9.00	
		1	17.50	0.90		15.75	
Missed Slab		325	0.60	0.90		175.50	
					Present Qty	**1272.06**	**Sqm**

Dspor Tocctcjot Debuty 305 91
payable Ords NCL 966.420 gst

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore

Verizen Consultants Bangalore

Name of Work: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
7	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fin aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fin aggregate 0.46cum							
	Krishnegowda Nagara Main Road L/S frm 1sst Cross to End		1	30.00	3.10 + 3.10 / 2	0.07 / 0.15	13.95	
			1	30.00	3.10 + 3.10 / 2	0.07 / 0.15	13.95	
			1	28.00	3.10 + 3.00 / 2	0.07 / 0.15	12.81	
	Krishnegowda Nagara First Cross L/S		1	25.80	4.00 + 3.90 / 2	0.07 / 0.15	15.29	
			1	30.00	4.20 + 4.00 / 2	0.07 / 0.125	15.38	
			1	30.00	4.00 + 4.10 / 2	0.07 / 0.125	15.19	
			1	20.20	4.10 + 4.00 / 2	0.07 / 0.125	10.23	
						Present Qty	**96.79**	**Cum**
						Limitted to	**96.35**	**Cum**

24/6/19
E.E. (D.D.)

48.95 Cmy

Assistant Engineer
Ward No-15
BBMP Bangalore

Asst. Executive Engineer,
T Dasarahalli Sub-Division
BBMP Bangalore